

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for low-detectability communication between a transmitter and receiver, the method comprising acts of:

(a) transmitting first data from the transmitter according to at least one of a first timing, modulation, and frequency;

(b) appending the first data, prior to transmission, with information regarding at least one of a second timing, modulation, and frequency for a subsequent transmission; and

(c) transmitting second data from the transmitter according to the information, wherein the at least one of the second timing, modulation, and frequency is changed from the first timing, modulation, and frequency by the information.

2. (Canceled)

3. (Currently amended) The method of claim 21, wherein the change comprises a random generation of the at least one of the first timing, modulation, and frequency.

4. (Original) The method of claim 1, wherein the information comprises a deviation in at

least one of the first timing, modulation, and frequency.

5. (Original) The method of claim 1, wherein the information comprises at least one of the second timing, modulation, and frequency.

6. (Original) The method of claim 1, further comprising repeating steps (b) and (c) for subsequent data sets.

7. (Currently amended) A transmitter for low-detectability communication with a receiver, the transmitter comprising:

means for transmitting first data according to at least one of a first timing, modulation, and frequency;

means for appending the first data, prior to transmission, with information regarding at least one of a second timing, modulation, and frequency for a subsequent transmission; and

means for transmitting second data from the transmitter according to the information, wherein the at least one of the second timing, modulation, and frequency is changed from the first timing, modulation, and frequency by the information.

8. (Currently amended) A receiver for receiving a low-detectability communication from a transmitter, the receiver comprising:

means for receiving first data from the transmitter at one or more of a first timing, modulation, and frequency, the first data containing information regarding at least one of a second timing, modulation, and frequency for a subsequent transmission;

means for reading the information in the first data; and

means for receiving the second data from the transmitter according to the information, wherein the at least one of the second timing, modulation, and frequency is changed from the first timing, modulation, and frequency by the information.

9. (Currently amended) A system for low-detectability communication, the system comprising:

a transmitter comprising:

means for transmitting first data from the transmitter according to at least one of a first timing, modulation, and frequency;

means for appending the first data, prior to transmission, with information regarding at least one of a second timing, modulation, and frequency for a subsequent transmission; and

means for transmitting second data from the transmitter according to the information; and

a receiver comprising:

means for receiving the first data from the transmitter;

means for reading the information in the first data; and

means for receiving the second data from the transmitter according to the information, wherein the at least one of the second timing, modulation, and frequency is changed from the first timing, modulation, and frequency by the information.

10. (Currently amended) A program storage device readable by a computer, tangibly embodying a program of instructions executable by the computer to perform method steps for low-detectability communication between a transmitter and receiver, the method comprising:

transmitting first data from the transmitter according to at least one of a first timing, modulation, and frequency;

appending the first data, prior to transmission, with information regarding at least one of a second timing, modulation, and frequency for a subsequent transmission; and

transmitting second data from the transmitter according to the information, wherein the at least one of the second timing, modulation, and frequency is changed from the first timing, modulation, and frequency by the information.

11. (Currently amended) A computer program product embodied in a computer-readable non-transitory medium for low-detectability communication between a transmitter and receiver executable by a computer, the computer program product comprising:

computer readable program code means for transmitting first data from the transmitter according to at least one of a first timing, modulation, and frequency;

computer readable program code means for appending the first data, prior to transmission, with information regarding at least one of a second timing, modulation, and frequency for a subsequent transmission; and

computer readable program code means for transmitting second data from the transmitter according to the information, wherein the at least one of the second timing, modulation, and frequency is changed from the first timing, modulation, and frequency by the information.

12. (New) The method of claim 1, wherein for each subsequent transmission, the at least one of the second timing, modulation, and frequency is determined by the information from an immediately preceding first data.

13. (New) The method of claim 1, wherein the first timing, modulation, and frequency is independent of the information.

14. (New) The method of claim 1, wherein a given bit value of the first data and the second data is encoded as zero energy transmitted.

15. (New) The method of claim 1, wherein the second modulation is changed from the first modulation by a parity of the first data.

16. (New) The method of claim 1, wherein the information is contained in a header of the first data.